SEQUENCE OF OPERATION SHEET

MD 355 RUNS IN AN NORTH-SOUTH DIRECTION

TRAFFIC OPERATIONS SECTION
DIVISION OF TRAFFIC ENGINEERING
MONTGOMERY COUNTY, MARYLAND

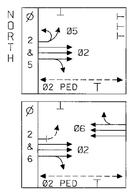
INTERSECTION: MD 355 (ROCKVILLE PIKE) AND ALTA VISTA ROAD / BELLEVUE DRIVE

NO. _____

	SIGNAL HEAD INDICATIONS			
SIGNAL NO.	3,6,8, 9,10,11	1,2, 4,5		12,13
TOTAL:	6	4		2
	12"	12" 12"	12"	9" or 12" X

LEGEND
- OPTICALLY LIMITED
- R RED
- Y YELLOW
- G GREEN
- ◄ ARROW
- F FLASHING

PHASING



SIGNAL NO.	SEQUENCE OF OPERATION INTERVAL 1	2	3	4	5	6	7	FLASH
1	R	R	R	G	G	Y	R	FL/Y
2	R	R	R	G	G	Y	R	FL/Y
3	R	R	R	G	G	Y	R	FL/Y
4	◄G/G	◄Y/G	G	G	G	G	G	FL/Y
5	◄G/G	◄Y/G	G	G	G	G	G	FL/Y
6	G	G	G	G	G	G	G	FL/Y
7	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R
8	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R
9	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R
10	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R
11	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R
12	WK	WK	WK	WK	WK	WK	WK	DARK
13	WK	WK	WK	WK	WK	WK	WK	DARK
PHASE	2 & 5		ALL RED	2 & 6			ALL RED	

NOTES:

- AM PEAK PERIOD (7AM-9AM) MONDAY-FRIDAY (SIDE STREET FLASHES "RED").
- EB, WB & NB Fiber Optic Signs shall display "NO LEFT TURN (SYMBOLIC)".

SUBMITTED: _____ CHECKED: _____ APPROVED: _____
IN SERVICE BY: _____ DATE: _____ TIME: _____

SEQUENCE OF OPERATION SHEET

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MONTGOMERY COUNTY, MARYLAND

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- Y YELLOW
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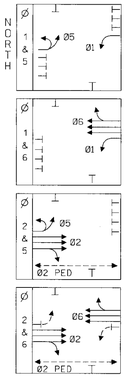
PHASING



SIGNAL NO.	SEQUENCE OF OPERATION INTERVAL 1	2	3	4	5	6	7	8	9	10	11	12	13	FLASH
1	◄G/R	◄Y/R	R	◄G/G	◄Y/G	G	R	R	R	G	G	Y	R	FL/Y
2	◄G/R	◄Y/R	R	◄G/G	◄Y/G	G	R	R	R	G	G	Y	R	FL/Y
3	R	R	R	G	G	G	R	R	R	G	G	Y	R	FL/Y
4	◄G/R	◄Y/R	R	R	R	◄G/G	◄Y/G	G	G	G	Y	R	R	FL/Y
5	◄G/R	◄Y/R	R	R	R	◄G/G	◄Y/G	G	G	G	Y	R	R	FL/Y
6	R	R	R	R	R	G	G	G	G	G	Y	R	R	FL/Y
7	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R
8	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R
9	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R
10	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R
11	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R
12	DW	DW	DW	DW	DW	DW	WK	WK	WK	WK	FL/DW	DW	DW	DARK
13	DW	DW	DW	DW	DW	DW	WK	WK	WK	WK	FL/DW	DW	DW	DARK
18	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
25	ON													
27														
PHASE	1 & 5		ALL RED	1 & 6		ALL RED	2 & 5		ALL RED	2 & 6			ALL RED	

NOTES:

- PM PEAK PERIOD (4PM-7PM) MONDAY-FRIDAY (SIDE STREET FLASHES "RED")
- NB FIBER OPTIC SIGN SHALL BE DARK
- EB & WB Fiber Optic Signs shall display "NO LEFT TURN (SYMBOLIC)".

SUBMITTED: _____ CHECKED: _____ APPROVED: _____
IN SERVICE BY: _____ DATE: _____ TIME: _____

SEQUENCE OF OPERATION SHEET

MD 355 RUNS IN AN NORTH-SOUTH DIRECTION

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DIVISION OF TRAFFIC ENGINEERING
MONTGOMERY COUNTY, MARYLAND

INTERSECTION: MD 355 (ROCKVILLE PIKE) AND ALTA VISTA ROAD / BELLEVUE DRIVE

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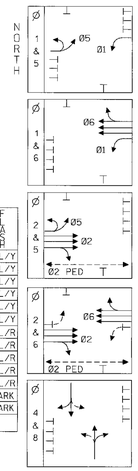
PHASING



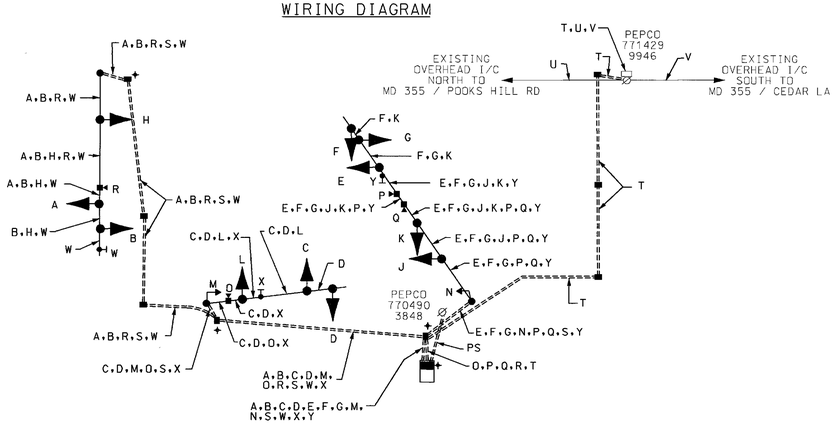
SIGNAL NO.	SEQUENCE OF OPERATION INTERVAL 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	FLASH
1	◄G/R	◄Y/R	R	◄G/G	◄Y/G	G	R	R	R	G	G	Y	R	R	R	R	FL/Y
2	◄G/R	◄Y/R	R	◄G/G	◄Y/G	G	R	R	R	G	G	Y	R	R	R	R	FL/Y
3	R	R	R	G	G	G	R	R	R	G	G	Y	R	R	R	R	FL/Y
4	◄G/R	◄Y/R	R	R	R	◄G/G	◄Y/G	G	G	G	Y	R	R	R	R	R	FL/Y
5	◄G/R	◄Y/R	R	R	R	◄G/G	◄Y/G	G	G	G	Y	R	R	R	R	R	FL/Y
6	R	R	R	R	R	G	G	G	G	G	Y	R	R	R	R	R	FL/Y
7	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	FL/R
8	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	FL/R
9	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	FL/R
10	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	FL/R
11	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	FL/R
12	DW	DW	DW	DW	DW	DW	WK	WK	WK	WK	FL/DW	DW	DW	DW	DW	DW	DARK
13	DW	DW	DW	DW	DW	DW	WK	WK	WK	WK	FL/DW	DW	DW	DW	DW	DW	DARK
PHASE	1 & 5		ALL RED	1 & 6		ALL RED	2 & 5		ALL RED	2 & 6			ALL RED	4 & 8		ALL RED	

NOTES:

- OFF PEAK PERIOD
- EB, WB AND NB FIBER OPTIC SIGNS SHALL BE DARK

SUBMITTED: _____ CHECKED: _____ APPROVED: _____
IN SERVICE BY: _____ DATE: _____ TIME: _____

WIRING DIAGRAM



WIRING KEY

- A, B, C, D, E, F, G — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- H, J, K, L — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- M, N — 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- O, P, Q — PRE-MANUFACTURED CAMERA TO CONTROLLER (200' length) CABLE
- R - PRE-MANUFACTURED CAMERA TO CONTROLLER (300' length) CABLE
- S - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- T - 12-PAIR VOICE GRADE INTERCONNECT CABLE (JELLY FILLED)
- U, V — EXISTING 12-PAIR VOICE GRADE INTERCONNECT CABLE (OVERHEAD)
- W, X, Y — 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) FOR FIBER OPTIC SIGN
- PS - PROPOSED UNDERGROUND SERVICE TO BE INSTALLED BY PEPCO
- ✦ - GROUND ROD

STREET TRAFFIC STUDIES, LTD.®
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

4371GI.dgn TASK-80

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 355 (ROCKVILLE PIKE) AND
ALTA VISTA ROAD / BELLEVUE DRIVE

DRAWN BY: ROB CICCHINI	F.A.P. NO. N/A	TS NO. TS 4269-GI	SHEET NO. 2 OF 3
CHECKED BY: mm	S.H.A. NO. MO284A81/861		
SCALE: NONE	COUNTY: MONTGOMERY	T.I.M.S. NO. F677	
DATE: 7-10-03	LOG MILE: 15007.06.08		